

BEFORE  
THE PUBLIC SERVICE COMMISSION OF  
SOUTH CAROLINA  
DOCKET NO. 2009-273-E - ORDER NO. 2009-515

JULY 31, 2009

IN RE:	Application of Progress Energy Carolinas,	)	ORDER APPROVING
	Inc. Requesting Approval of Traffic Signal	)	TRAFFIC SIGNAL
	Service (Metered) Schedule TFS-13	)	SERVICE (METERED)
		)	SCHEDULE TFS-13

This matter comes before the Public Service Commission of South Carolina (“Commission”) on the Application of Progress Energy Carolinas, Inc. (“PEC”) for Approval of Traffic Signal Service (Metered) Schedule TFS-13. The Schedule supplements the existing Traffic Signal Service Schedule to offer municipal and governmental customers both a metered and an unmetered solution to serving their traffic signal equipment. The existing Schedule TSS provides for service on an unmetered basis because the fixed wattage requirement of incandescent lighting supports an accurate estimate of monthly consumption. However, the increased usage of light-emitting diode (“LED”) traffic signals necessitates a new, metered schedule, since the red, green and yellow LEDs each consume different amounts of electricity, thereby making it difficult to accurately estimate monthly usage.

Metered service for customers utilizing the newer LED-based traffic signals would ensure accurate billing and would recognize the reduced energy requirements associated with the newer equipment. Under PEC’s proposal, a customer who installed LED signals would have the option of continuing with an unmetered rate equal to that

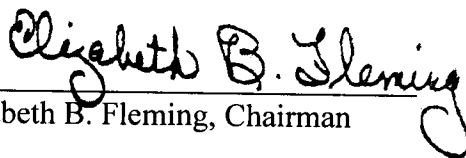
charged for the lowest-wattage incandescent light, or the customer could opt to install a meter base. PEC estimates that it would recoup the cost of the meter base in less than 12 months from the savings in energy cost.

Traffic Signal Service (Metered) Schedule TFS-13 includes a \$9.10 Basic Facilities Charge to recover the cost of billing and providing facilities necessary to support consumption of electricity. This charge is identical to the Basic Facilities Charge contained in Small General Service Schedule SGS, a metered schedule available to similar-sized customers. It also includes an energy rate of 7.246¢/kWh for consumption. This is the average energy rate applicable under Schedule TSS and recognizes that traffic signals typically operate at a higher load factor than average general service customers. The Schedule also includes a monthly charge for three-phase service of \$9, which matches the same charge in Schedule SGS.

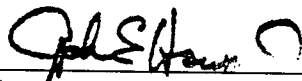
The Office of Regulatory Staff has reviewed Schedule TFS-13 and has no objection to PEC's request. We likewise find that approval of Schedule TFS-13 is in the public interest. Accordingly, we approve the Schedule as requested.

This Order shall remain in full force and effect until further order of the Commission.

BY ORDER OF THE COMMISSION:

  
Elizabeth B. Fleming, Chairman

ATTEST:

  
John E. Howard, Vice Chairman  
(SEAL)